

Peak District National Park

Forecast valid from 00:00 on Wednesday 20 Jul 2022 until 23:59 on Thursday 21 Jul 2022

Forecast Issued on Tuesday 19 Jul 2022 at 16:52

Confidence: High for a less warm spell of weather with occasional spells of rain or showers.

Headline for Wednesday 20 Jul 2022: A dry and sunny morning. Showers possible later. Less hot.

Mountain weather hazards on Wednesday 20 Jul 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

No Likelihood

Thunderstorms

Medium Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
00%	00%	00%	00%	10%	20%	20%	00%

Forecast for Wednesday 20 Jul 2022

Weather: A dry and clear night, but still feeling warm. Turning cloudier towards dawn, with bright or sunny spells in light winds. Further cloud bubbling up into the afternoon, with some occasionally heavy or thundery showers possible through, with some isolated stronger gusts of winds in the shower and feeling less hot. Showers dying out into the evening but cloudy with some patchy rain towards the end of the day.

Chance of cloud-free hill tops above 600m: Greater than 90% through much of the day, becoming 70% by the late evening.

Low cloud and visibility: Generally good or very good visibility, with limited low cloud through the early hours and into the morning. Bases of any showers are likely to be mainly above the tops through the afternoon. Cloud developing into the late evening cloud touch tops at about 600m. Visibility perhaps occasionally moderate or poor in the heavy rain or showers. Possibly poor again into the evening.

Forecast for Wednesday 20 Jul 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 W	12/19 SW	16/22 W	17/24 W	17/26 W	17/25 W	13/20 W	10/15 W	9/13 NW
300	8/11 W	8/14 SW	11/16 W	13/19 W	14/22 W	14/23 W	11/19 W	9/15 W	7/12 W
Valley	5/11 W	6/13 SW	9/16 W	10/19 W	12/22 W	12/23 W	9/18 NW	7/13 W	5/10 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/17	15/13	13/10	14/11	15/12	15/12	14/12	13/11	12/10
300	20/19	16/15	15/13	16/14	17/15	17/15	16/14	15/14	14/13
Valley	20/19	17/16	16/14	18/16	18/16	18/16	17/16	16/15	14/14
Freezing Level*	3300m	2900m	2900m	3000m	3100m	3100m	3200m	3000m	2700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

The weather could change quickly with isolated heavy and thundery showers possible. Strong gusts associated with showers could present a risk close to exposed edges.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 19 Jul 2022	0mm	0mm	0mm

Forecast for Thursday 21 Jul 2022

Weather: Mainly dry with sunny spells through the morning, but perhaps cloudy on some higher tops at first. A few showers may develop during the afternoon, these dying out later.

Maximum wind: Northwest 5-10mph with gusts of 15-20mph.

Chance of cloud-free hill tops above 600m: 40% in the morning becoming 80%.

Low cloud and visibility: Low cloud possibly affecting summits around 500m at first, this lifting during the morning. Showers developing into the afternoon but bases likely to be above the summits. Visibility poor in any cloud at first becoming very good, occasionally good in showers.

Temperature: **Valleys:** Plus 20 Celsius becoming 23 Celsius.
At 600m: Plus 17 Celsius.
Freezing level: Above the summits.